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October 5, 2001

FACSIMILE 314-231-4342 http://www.senniger.com

PATENTS, TRADEMARKS, COPYRIGHTS AND RELATED MATTERS

> OF COUNSEL IRVING POWERS DONALD G. LEAVITT RICHARD G. HEYWOOD

STUART N. SENNIGER (1921-1997)

UTILITY PATENT APPLICATION TRANSMITTAL (new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket Number: LELI 3442

First Named Inventor: Jefferson YS Yang

DIAPHRAGM PUMP AND ANODE STREAM RECIRCULATION SYSTEM Title:

USING SUCH PUMP FOR A FUEL CELL

Express Mail Label Number: EL 890728012 US

Assistant Commissioner for Patents TO: Box Patent Application Washington, D.C. 20231

APPLICATION ELEMENTS

- Fee Transmittal Form [X] 1. (original and duplicate)
- Applicant claims small entity status 2. [X]
- Specification [Total Pages 14] [X] 3.
- Drawings [Total Sheets <u>5</u>] 4. [X]
- Oath or Declaration [Total Pages 4] 5.
 - Newly executed (original or copy) [X] a. New (unexecuted) []
 - Copy from a prior application (for continuation/divisional with Box 19 completed)
 - [] DELETION OF INVENTOR(s) Signed statement attached deleting inventor(s) named in prior application.





6.	The copy cons	Incorportion By Reference (useable if Box 5b is marked) entire disclosure of the prior application, from which a of the oath or declaration is supplied under Box 5b, is idered as being part of the disclosure of the mpanying application and is hereby incorporated by rence therein.
7.	[X]	Application Data Sheet
8.	[]	CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
9.	[]	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
		 a. [] Computer Readable Form b. [] Specification Sequence Listing on: i. [] CD-ROM or CD-R (2 copies); or ii. [] paper c. [] Statements verifying identity of above copies
		ACCOMPANYING APPLICATION PARTS
10.	[X]	Assignment Papers (cover sheet & document(s))
11.	[]	37 CFR 3.73(b) Statement [] Power of Attorney
12.	[]	English Translation Document (if applicable)
13.	[]	IDS with PTO-1449 [] Copies of IDS Citations
14.	[]	Preliminary Amendment
15.	[X]	Return Receipt Postcard
16.	[]	Request and Certification for Non-Publication. Form PTO/SB/35 is attached.
17.	[]	Certified Copy of Priority Document(s) if foreign priority is claimed
18.	[]	Other:
		IF A CONTINUING APPLICATION, CHECK APPROPRIATE BOXES AND SUPPLY THE REQUISITE INFORMATION
19.	[]	Continuation [] Divisional [] Continuation-in-Part of prior application No.:
	[]	Complete Application based on provisional Application No

Prior application information: Examiner: Group Art Unit:

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CORRESPONDENCE ADDRESS

20. Correspondence Address: Customer Number 321 Attention: Kurt F. James

Respectfully submitted,

Kurt F. James, Reg. No. 33,716

KFJ/dss

FEE TRANSMITTAL

Application Number to be assigned Filing Date October 5, 2001 Inventor(s) Jefferson YS Yang Attorney Docket Number LELI 3442

		METHOD OF PAYMENT
1.	[]	The Commissioner is hereby authorized to charge the indicated fees to Deposit Account No. 19-1345.
	[]	The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17 to Deposit Account No. 19-1345.
	[X]	Applicant claims small entity status.
2.	[X]	Check Enclosed. The Commissioner is hereby authorized to charge any under payment or credit any over payment to Deposit Account No. 19-1345.
		FEE CALCULATION
1.	[X]	BASIC FILING FEE Subtotal (1) \$ 370.00 (Type: Utility)
2.	[]	EXTRA CLAIM FEES Subtotal (2) \$
		Total Claims <u>15</u> Independent Claims <u>2</u> Multiple Dependent Claims
3.	[]	ADDITIONAL FEES Subtotal (3) \$ 40.00
		<pre>[] Surcharge - late filing fee or oath [] Surcharge - late provisional filing fee or cover sheet [] Extension for reply within month [] Notice of Appeal [] Filing a Brief in Support of an appeal [] Request for ex parte Reexamination [] Petitions to the Commissioner [] Submission of Information Disclosure Statement [X] Recording each patent assignment per property [] Request for Continued Examination [] Other:</pre>
TOTAI	AMO	UNT OF PAYMENT \$ 410.00

October 5, 2001

Date

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